

United States Department of Agriculture

SERVICE AND REGULATORY ANNOUNCEMENTS

BUREAU OF ANIMAL INDUSTRY

SEPTEMBER, 1929

[This publication is issued monthly for the dissemination of information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the bureau, establishments at which the Federal meat inspection is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each, or 25 cents a year. A supply will be sent to each official in charge of a station or branch of the bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.]

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CHANGES IN DIRECTORY

Meat Inspection Granted

- 20-P. Wilson & Co., 837 Callowhill Street, Philadelphia, Pa.
- 34. Krainin's Food Products (Inc.), 15 Rivington Street, New York, N. Y.
- 228. Harold H. Clapp (Inc.), 1328 University Avenue, Rochester, N. Y.
- 348. Daniel Strecker, 3449 Frankford Avenue, Philadelphia, Pa.

Meat Inspection Withdrawn

- 86. Almar Stores Co., Philadelphia, Pa.
- *386. Geo. Hausmann & Sons (Inc.), Philadelphia, Pa.
- *828-A. W. H. Bristol, Clarkston, Wash.

Change in Name of Official Establishment

- 356. Deerfoot Farms Co., Newton Street, Southboro, Mass., and Deerfoot Farm, instead of previous name.
- 402. Durkee Famous Foods (Inc.), 3702 Iron Street, Chicago, Ill.; the Troco Co., and the Glidden Food Products Co., instead of previous name.
- *235. Hygrade Food Products Corp., 3854 South Morgan Street, Chicago, Ill., and Western Packing & Provision Co., Allied Packers (Inc.), Parker-Webb Co., Klinek Packing Co., F. Schenk & Sons Co., Chas. Wolff Packing Co., Hygrade Provision Co. (Inc.), Carmel Kosher Provision Co. (Inc.), Bronx Provision Corporation of New York, Chris. Grozinger Corporation of New York, and B. S. Pincus, instead of previous name and subsidiaries.

* Conducts slaughtering.

*373. Hygrade Food Products Corp., Wheeling, W. Va., and same subsidiaries under Establishment *235, instead of previous name and subsidiaries.

*205. Hygrade Food Products Corp., 216-236 North Quincy Street, Topeka, Kans., and same subsidiaries under Establishment *235, instead of previous name and subsidiaries.

*258. Hygrade Food Products Corp., 50 Depot Street, Buffalo, N. Y., and same subsidiaries under Establishment *235, instead of previous name and subsidiaries.

*250. Hygrade Food Products Corp., 2811 Michigan Avenue, Detroit, Mich., and same subsidiaries under Establishment *235, instead of previous name and subsidiaries.

Meat Inspection Extended

928. E. M. Todd Co. (Inc.), Hermitage Road and Leigh Street, Richmond, Va.; mail, P. O. box 76, West End Station, and Old Virginia Ham Co. (Inc.).

420. Hygrade Food Products Corp., 195-199 Wilson Avenue, Brooklyn, N. Y., and same subsidiaries under Establishment *235.

489. Hygrade Food Products Corp., 2692-2696 Third Avenue, New York, N. Y., and same subsidiaries under Establishment *235.

522. Hygrade Food Products Corp., 74 East 4th Street, New York, N. Y., Palestine Brand Kosher Wurst Factory (Inc.), and same subsidiaries under Establishment *235.

973. Hygrade Food Products Corp., 131-137 South Eighth Street, Brooklyn, N. Y., Palestine Brand Kosher Wurst Factory (Inc.), and same subsidiaries under Establishment *235.

973-C. Hygrade Food Products Corp., 454-458 North American Street, Philadelphia, Pa., and same subsidiaries under Establishment *235.

Change of Official in Charge

Dr. J. L. Orr succeeds Dr. L. B. Whitney (transferred) as inspector in charge at Hyde Park, Vt.

Change of Address of Official in Charge

Dr. J. D. Stillwell, 731 Meyer-Kiser Bank Building, Indianapolis, Ind., instead of 401-D Federal Building.

New Substation

Rochester, N. Y., meat inspection, under Buffalo, N. Y.

NOTICE REGARDING MEAT INSPECTION

CONDEMNED LIVERS FOR FISH FEED

(1) Livers condemned on account of fluke infestation may be forwarded as fish feed provided the livers are first freely slashed and denatured by dipping in a hot solution containing one part of fast green F. C. F. in 5,000 parts of water, followed by washing in fresh water until the washings are no longer colored and then frozen at a temperature not higher than 10° F. for not less than 48 hours; or provided the livers are thoroughly cooked and then slashed and denatured as indicated above. Freezing may be accomplished in the regular freezer in a properly separated compartment or receptacle held under bureau lock.

(2) Livers condemned on account of hydatids or fringed tapeworms may not be forwarded as fish feed unless thoroughly cooked, slashed, and denatured as indicated in paragraph 1.

(3) Livers condemned on account of parasites other than flukes, hydatids, or fringed tapeworms may be forwarded as fish feed without refrigeration or cooking after slashing and denaturing as indicated in paragraph 1.

(4) Livers condemned for telangiectasis, angioma, "sawdust" condition, cirrhosis, or other nonmalignant change, benign abscesses, or contamination, when these conditions are not associated with infectious disease in the carcasses, may be forwarded as fish feed without refrigeration or cooking, provided all tissue affected with abscesses is removed and destroyed within the establishment, and provided further that all livers are slashed and denatured as indicated in paragraph 1.

(5) Livers specified in the foregoing paragraphs shall be placed in containers plainly marked "Fish Feed—Inedible," and when shipped shall be certified as required by section 11, regulation 25 of B. A. I. Order 211 (revised).

* Conducts slaughtering.

ANIMALS SLAUGHTERED IN AUGUST, 1929, UNDER FEDERAL MEAT INSPECTION IN DISTRICTS REPRESENTED BY THE CITIES IN THE FOLLOWING TABLE

Station	Cattle	Calves	Sheep	Goats	Swine
Baltimore.....	5,674	871	3,953	13	54,333
Buffalo.....	9,817	2,615	11,181	-----	72,816
Chicago.....	143,358	36,665	257,497	-----	499,525
Cincinnati.....	11,880	5,928	8,601	-----	67,012
Cleveland.....	6,807	5,798	12,278	-----	56,996
Denver.....	7,615	1,811	15,974	-----	21,680
Detroit.....	6,383	6,068	9,935	11	90,253
Fort Worth.....	31,030	38,277	23,392	1,679	28,346
Indianapolis.....	16,023	3,870	13,396	-----	69,467
Kansas City.....	80,023	20,847	98,537	129	194,402
Milwaukee.....	13,084	16,736	10,240	-----	106,109
National Stock Yards.....	37,007	10,073	46,240	14	140,253
New York.....	28,421	51,324	242,236	-----	89,163
Omaha.....	64,949	4,855	137,773	6	152,417
Philadelphia.....	5,101	7,047	23,982	-----	58,338
St. Louis.....	15,939	6,402	9,229	9	124,335
Sioux City.....	23,644	1,861	52,094	-----	89,389
South St. Joseph.....	26,935	5,813	96,088	24	101,362
South St. Paul.....	38,999	36,786	37,215	-----	100,622
Wichita.....	6,612	2,036	4,644	1	50,746
All other establishments.....	140,363	72,286	183,563	624	962,427
Total:					
August, 1929.....	725,714	337,969	1,298,048	2,510	3,129,991
August, 1928.....	716,567	368,799	1,196,112	1,349	2,545,335
8 months ended August, 1929.....	5,342,840	3,020,349	9,090,972	14,710	31,902,210
8 months ended August, 1928.....	5,472,924	3,204,218	8,529,839	9,031	33,336,812
New York, Brooklyn, Jersey City and Newark (The slaughter figures for this group of cities are included in the figures above for "New York" and "All other establishments" and are combined here to show total in the Greater New York district.)	34,966	57,427	289,643	-----	167,569

Horses slaughtered in August, 1929.....	14,982
Horses slaughtered in August, 1928.....	12,468
8 months ended August, 1929.....	73,231
8 months ended August, 1928.....	77,703

	Inspection pounds
Inspection of lard at all establishments, August, 1929.....	135,608,952
Compound and other substitutes.....	40,592,099
Sausage.....	73,061,771
Corresponding inspections for August, 1928:	
Lard.....	116,786,774
Compound and other substitutes.....	45,170,625
Sausage.....	71,847,919

(These totals of inspection pounds do not represent actual production, as the same product may have been inspected and recorded more than once in the process of manufacture.)

EXTENT OF TUBERCULOSIS IN ANIMALS SLAUGHTERED AT THREE IMPORTANT MARKETS, AUGUST, 1929

Station	Total slaughter	Retained for tuberculosis		
		Total	Passed for cooking	Condemned
Cattle:				
Chicago.....	143,358	2,951	121	568
Kansas City.....	80,023	193	14	42
Omaha.....	64,949	382	25	52
Swine:				
Chicago.....	499,525	67,888	1,122	996
Kansas City.....	194,402	10,152	144	93
Omaha.....	152,417	14,945	210	193

CAUSES OF CONDEMNATION OF CARCASSES, JULY, 1929

Cause	Cattle	Calves	Sheep	Swine
Emaciation.....	381	122	408	49
Hog cholera.....				1,243
Inflammatory diseases.....	882	135	653	2,272
Immaturity.....		50		
Tuberculosis.....	2,105	38		4,659
All other causes.....	1,037	150	625	3,940
Total.....	4,405	495	1,686	12,163

IMPORTS OF FOOD ANIMALS AND OF MEATS AND MEAT FOOD PRODUCTS

The statements following show the imports of food animals and of meats and meat food products inspected by the Bureau of Animal Industry during August, 1929, with figures for other periods for comparison.

Imports of food animals

Country of export	Cattle	Swine	Sheep	Goats
Mexico.....	6,780		61	87
Canada.....	32,832	648	881	3
Virgin Islands (to Porto Rico).....	23			
Total:				
August, 1929.....	39,655	648	942	90
August, 1928.....	45,732	517	2,312	65
8 months ended August, 1929.....	367,644	2,009	22,922	198
8 months ended August, 1928.....	286,889	18,933	22,769	295

Imports of meat and meat food products

Country of export	Fresh and refrigerated		Cured and canned	Other meat products	Total weight
	Beef	Other			
Argentina.....					
Australia.....	24,694	23,278	4,645,535	128,370	4,773,905
Brazil.....			1,204,472	2,454	50,426
Canada.....	1,937,861	942,389	1,894,892	318,682	5,093,824
New Zealand.....	2,648,545	186,040			2,834,585
Paraguay.....			1,220,598		1,220,598
Uruguay.....			2,551,318	25,407	2,576,725
Other countries.....	87,600		48,982	78,099	214,681
Total:					
August, 1929.....	4,698,700	1,151,707	11,565,797	553,012	17,969,216
August, 1928.....	6,706,684	2,015,980	7,093,527	846,788	16,662,979
8 months ended August, 1929.....	25,049,404	10,317,531	72,338,251	6,889,299	114,594,485
8 months ended August, 1928.....	19,768,560	12,477,074	49,222,410	7,517,477	88,985,521

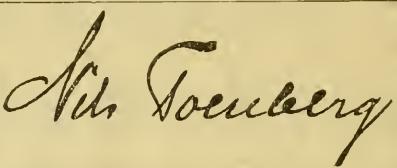
Condemned in August, 1929: Beef, 2,133 pounds; pork, 1,086 pounds; total, 3,219 pounds.
Refused entry: Pork, 56 pounds.

**SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION
WITH STATES, AUGUST, 1929**

State	Tuberculin tests during month			Total to date			Inspector in charge	State official
	Herds or lots	Cattle tested	Cat- tle re- acted	Once- tested free herds	Ac- cred- ited herds	Herds under super- vision		
Ala.	837	6,779	2	5,867	306	8,410	R. E. Jackson	C. A. Cary, Auburn.
Ariz.	174	2,008	14	8,254	46	8,333	F. L. Schneider	R. J. Hight, Phoenix.
Ark.	466	1,772	1	2,894	17	9,577	H. L. Fry	J. H. Bux, Little Rock.
Calif.	285	10,593	63	6,646	127	6,916	R. Snyder	J. P. Iverson, Sacramento.
Colo.	44	1,199	45	946	166	1,511	W. E. Howe	C. G. Lamb, Denver.
Conn.	383	3,683	324	3,682	2,688	7,108	R. L. Smith	Charles Johnson, Hartford.
Del.	348	3,827	174	3,738	2,216	6,521	E. B. Simonds	O. A. Newton Bridgeville.
D. C.				99	8	107	A. E. Wight	
Fla.	79	2,242	12	7,935	205	8,771	J. G. Fish	J. V. Knapp, Tallahassee.
Ga.	2,304	7,222	5	29,380	27	29,412	A. L. Hirleman	J. M. Sutton, Atlanta.
Idaho	408	3,684	0	33,908	55	37,138	W. A. Sullivan	A. J. Dickman, Boise.
Ill.	4,608	44,211	1,204	142,968	5,429	161,107	J. J. Lintner	D. W. Robison, Springfield.
Ind.	2,703	18,615	42	131,269	26,622	177,859	J. E. Gibson	Frank H. Brown, Indianapolis.
Iowa	4,356	71,206	695	108,367	2,823	175,298	J. A. Barger	M. G. Thurnburg, Des Moines.
Kans.	1,686	9,168	20	85,191	598	86,325	N. L. Townsend	J. H. Mercer, Topeka.
Ky.	1,544	8,228	23	73,641	60	75,468	W. F. Biles	D. E. Westmorland, Frankfort.
La.	111	2,505	21	8,279	17	8,645	G. T. Cole	E. P. Flower, Baton Rouge.
Me.	493	4,956	16	43,023	732	43,817	G. H. Caldwell	H. M. Tucker, Augusta.
Md.	1,961	18,336	294	15,604	7,716	29,156	E. B. Simonds	James B. George, Baltimore.
Mass.	177	3,273	264	2,165	1,450	4,479	E. A. Crossman	E. F. Richardson, Boston.
Mich.	4,840	45,812	169	172,591	69	174,968	T. S. Rich	B. J. Killham, Lansing.
Minn.	10,717	178,430	875	79,994	9,448	93,632	W. J. Fretz	C. E. Cotton, St. Paul.
Miss.	487	4,568	0	6,280	28	6,308	H. Robbins	R. V. Rafnel, Jackson.
Mo.	779	7,860	9	73,203	217	76,899	Ralph Graham	H. A. Wilson, Jefferson City.
Mont.	159	3,113	4	31,491	91	31,960	J. W. Murdoch	W. J. Butler, Helena.
Nebr.	1,946	29,404	129	69,000	116	69,476	A. H. Francis	C. H. Hays, Lincoln.
Nev.	84	1,282	3	1,345	11	1,656	L. C. Butterfield	Edward Records, Reno.
N. H.	294	4,226	110	1,914	3,912	6,158	E. A. Crossman	A. L. Felker, Concord.
N. J.	568	5,016	239	3,994	2,947	10,231	J. G. Middleton	J. H. McNeil, Trenton.
N. Mex.	14	51	0	2,070	23	2,151	F. L. Schneider	Mat Keenan, Albuquerque.
N. Y.	5,386	68,294	7,618	27,295	71,392	109,511	H. B. Leonard	E. T. Faulder, Albany.
N. C.	103	1,198	0	256,530	394	256,924	W. C. Dendinger	William Moore, Raleigh.
N. Dak.	1,215	19,589	137	53,176	5,225	64,571	H. H. Cohenour	W. F. Crewe, Bismarck.
Ohio	5,622	44,173	1,105	180,251	813	187,491	A. J. De Fosset	C. McCandless, Columbus.
Okla.	39	1,950	11	126	286	427	L. J. Allen	C. C. Hisel, Oklahoma City.
Oreg.	2,142	11,900	39	50,970	465	51,457	S. B. Foster	W. H. Lytle, Salem.
Pa.	5,581	48,295	1,922	107,686	5,561	125,780	J. B. Reidy	T. E. Munce, Harrisburg.
R. I.	5	67	32	183	115	432	E. A. Crossman	T. E. Robinson, Providence.
S. C.	1,276	4,355	4	61,232	104	61,399	W. K. Lewis	W. K. Lewis, Columbia.
S. Dak.	196	4,912	36	8,626	1,261	10,083	J. O. Wilson	T. H. Ruth, Pierre.
Tenn.	489	4,686	5	62,938	172	63,231	H. M. O'Rear	J. M. Jones, Nashville.
Tex.	299	10,002	213	379	243	1,000	H. L. Darby	N. F. Williams, Fort Worth.
Utah	1,973	13,232	72	31	101	11,579	F. E. Murray	W. H. Hendricks, Salt Lake City.
Vt.	343	6,294	471	5,448	7,128	22,610	L. H. Adams	Edward H. Jones, Montpelier.
Va.	3,619	17,219	32	20,638	1,287	22,195	R. E. Brookbank	H. C. Givens, Richmond.
Wash.	2,466	21,406	151	42,313	62	46,143	J. C. Exline	Robert Prior, Olympia.
W. Va.	1,962	7,492	13	50,511	1,190	52,315	H. M. Newton	John W. Smith, Charleston.
Wis.	11,200	179,496	744	150,683	11,805	165,798	J. S. Healy	Walter A. Duffy, Madison.
Wyo.	164	1,105	0	10,145	4	11,468	John T. Dallas	H. D. Port, Cheyenne.
Total	86,935	968,993	17,362	2,245,099	175,778	2,623,811		

FOREIGN MEAT-INSPECTION OFFICIAL

The following is an additional name and facsimile signature of a foreign national government official authorized to sign and issue certificates of inspection for meat and meat food products offered for importation into the United States:

Country and name	Signature
NORWAY Nils Toenberg-----	

PERMITTED DISINFECTANTS

In accordance with the provisions of B. A. I. Order 309, governing the interstate movement of livestock, the bureau has issued the following permits in the general disinfection of cars, yards, and other premises:

To Tar Products Corporation, Providence, R. I., for the use of "Hexsol," a saponified cresol solution.

Distributor

To Cabell Chemical Co., 320 15th Street, Huntington, W. Va., for the distribution and use of "Crestall Dip" under the name of "Cabell's Hatchers Disinfectant." This disinfectant is identical with "Crestall Dip" manufactured by Baird & McGuire (Inc.), of Holbrook, Mass.

Permission Withdrawn

The permission granted to Columbia Serum Co., Station G, Columbus, Ohio, to distribute "Clarisol," a saponified cresol solution, under the trade name of "Buckeye Brand Saponified Cresol Solution," is hereby withdrawn at the request of Columbia Serum Co.

ANTI-HOG-CHOLERA SERUM AND HOG-CHOLERA VIRUS PRODUCED UNDER LICENSES

	Total serum	Clear serum completed	Hyperimmune blood cleared	Simultaneous virus	Hyperimmunizing virus
August, 1929-----	C. c. 103,077,373	C. c. 61,558,625	C. c. 76,592,805	C. c. 7,360,523	C. c. 16,464,819
August, 1928-----	79,162,522	58,849,965	66,410,044	7,072,326	15,094,227
8 months ended August, 1929-----	715,835,608	502,981,233	595,379,602	45,863,960	154,523,913
8 months ended August, 1928-----	580,778,539	386,970,717	443,073,985	42,343,064	124,451,215

LICENSES ISSUED FOR BIOLOGICAL PRODUCTS IN AUGUST, 1929

²⁷ License No. 9 was issued August 27, 1929, to Lederle Antitoxin Laboratories, Middletown Road, near Pearl River, N. Y., for mixed bacterial vaccine (canine).

License No. 21 was issued August 22, 1929, to the Continental Serum Laboratories Co., Isett Avenue, Muscatine, Iowa, for blackleg bacterin.

License No. 190 was issued August 19, 1929, to the National Drug Co., 5109 and 5111 Germantown Avenue, Philadelphia, Pa., and Swiftwater, Pa., for abortion bacterin (bovine); abortion bacterin (equine); abortion mixed bacterin (bovine); distemper mixed bacterin (canine); hemorrhagic-septicemia bacterin (bovine); hemorrhagic-septicemia bacterin (ovine); hemorrhagic-septicemia mixed bacterin (bovine); influenza mixed bacterin (equine); rabies vaccine; strepto-staphylo bacterin (canine); strepto-staphylo bacterin (equine); swine-plague mixed bacterin; tetanus antitoxin; white-scours mixed bacterin (bovine).

LICENSES TERMINATED IN AUGUST, 1929

Licenses No. 185, issued August 18, 1925, and December 29, 1926, to Killips Poultry Laboratories (Inc.), 213 High Avenue, East Oskaloosa, Iowa, were terminated on August 28, 1929, without prejudice.

Licenses No. 190, issued August 30, 1927, September 13, 1927, September 26, 1927, March 8, 1928, and March 10, 1928, to the National Drug Co., 5109 Germantown Avenue, Philadelphia, Pa., were terminated on August 19, 1929, and a new license of the same number issued, as indicated above.

SUMMARY OF HOG-CHOLERA-CONTROL WORK, AUGUST, 1929

State	Bureau veterinarians engaged in work ¹	Meet- ings ad- dressed	Prem- ises inves- tigated	Demonstra- tions		Autop- sies per- formed	Farms quar- antine d or carded	Farms cleaned and disin- fected	Out- breaks reported to bureau veteri- narians
				Num- ber	Hogs treated				
Alabama	1	11	41						
Arkansas	1.5	7	94	1	34	9			30
Colorado	.3		17			2			1
Florida	1.2	1	65	11	142				2
Georgia	1.3	3	135	13	204	4			22
Illinois	3	4	201			64	41	42	114
Indiana	2	5	142			17	2		17
Iowa	2	3	64	1	30	28			80
Kansas	.5		30	2	15				29
Kentucky	1		46	4	295	6			5
Louisiana	1	1	46	11	328	2			3
Maryland	2	4	185				11	16	37
Michigan	2		60			14			45
Mississippi	1.04		55						
Missouri	1	5	89	1	90	14			45
Nebraska	1		41				9		9
North Carolina	.75		1	50			7		10
Ohio	.5		25			10			66
Oklahoma	2		119	1	60	4	2		2
South Carolina	1		34	22	212				10
South Dakota	.3		7			12			16
Tennessee	1	1	84	4	123	3	7		10
Texas	1		77	1	3	8			18
Virginia	1		97						2
Washington	} 1.5	1	84	1	14	1	8	4	1
Oregon									
Wisconsin	.5		20						6
Total	31.39	47	1,908	73	1,550	233	72	42	580

¹ Fractions denote veterinarians devoting part time to the work.

PROCEEDINGS UNDER THE PACKERS AND STOCKYARDS ACT

Docket No. 290—In re W. E. Townsend, dealer, St. Joseph Stock Yards, South St. Joseph, Mo. Notice of inquiry issued June 14, 1929, alleging that respondent was insolvent in that he was unable to pay his debts as they became due in the usual course of business. A hearing was held in this case on July 31, 1929, at which time both parties were represented by counsel. On September 20, 1929, respondent was suspended for six months from registration as a dealer with leave, however, during said period to apply for revocation of his suspension on a showing satisfactory to the Secretary of Agriculture that he is then solvent. On September 30, the Acting Secretary issued an order extending the effective date of the above-mentioned order until October 14, 1929.

CALENDARS FOR 1930

Officers in charge and individuals reporting direct to Washington will please indicate in their *stores requisitions* for December 1 orders for the wall calendars that they will require for the year 1930. One wall calendar should be sufficient for each room occupied as office or laboratory, and orders should be for minimum number.

The bureau has discontinued the purchase of desk-calendar pads and stands for field stations. However, stations now equipped with such stands may procure pads for the same for 1930 by ordering on their stores requisitions for December 1 the number required, indicating the make of the stand for which intended—that is, whether Gem, Handy, Daily, etc. These calendars and pads may not be forwarded with the other supplies ordered on such requisitions, but an effort will be made to get them to the stations before the first of the new year.

In this connection attention is called to the notice headed "Advertising matter not allowed in Government offices," in Service and Regulatory Announcements for November, 1915, page 127.

RESULTS OF PROSECUTIONS FOR VIOLATIONS OF LAWS

Penalties and fines have been imposed in prosecutions for violations of regulatory laws, as reported to the bureau, as follows:

Twenty-eight-Hour Law

Atchison, Topeka & Santa Fe Railway Co., \$100 penalty.
 Missouri-Kansas-Texas Railroad Co., \$100 penalty.
 Missouri Pacific Railroad Co., \$100 penalty.
 Northern Pacific Railway Co., \$100 penalty.
 Pennsylvania Railroad Co., \$100 penalty.
 Southern Railway Co., \$100 penalty.

Livestock-Quarantine Law

Illinois Central Railroad Co., interstate transportation of one dead hog in the same car with live animals, \$100 fine.

NEW PUBLICATIONS OF THE BUREAU

[The bureau keeps no mailing list for sending publications to individual employees, but sends copies to officers in charge of stations and offices. These publications should be regarded as notification copies. So far as possible additional copies will be furnished on request.]

Technical Bulletin No. 113. Arrow Grass (*Triglochin maritima*) as a Stock-Poisoning Plant. By C. Dwight Marsh, A. B. Clawson, and G. C. Roe, Pathological Division. Pp. 15, figs. 4.

Farmers' Bulletin No. 1054 (revised). The Loco-Weed Disease. By C. Dwight Marsh and A. B. Clawson, Pathological Division, and W. W. Eggleston, Bureau of Plant Industry. Pp. 26, figs. 19.

Farmers' Bulletin No. 1395 (revised). Beef-Cattle Production in the Range Area. By Virgil V. Parr, Animal Husbandry Division. Pp. 44, figs. 20.

Farmers' Bulletin No. 1593. Trembles. By C. Dwight Marsh, Pathological Division. Pp. 10, figs. 7.

Yearbook Separate No. 1043. Animal Husbandry Research Yields Dividends to All. By E. W. Sheets, chief, Animal Husbandry Division. Pp. 4.

Yearbook Separate No. 1044. Meat Combines High Nutritive Value with Great Palatability. By Paul E. Howe, Animal Husbandry Division. Pp. 2.

Yearbook Separate No. 1055. Livestock Betterment Registers Advancement Throughout the World. By D. S. Burch, editor, Bureau of Animal Industry. Pp. 2.

Yearbook Separate No. 1045. Livestock Improvement Can Be Accomplished by Selective Breeding. By Hugh C. McPhee, Animal Husbandry Division. Pp. 3.

Yearbook Separate No. 1046. Poultry Breeders Can Increase Profits by Controlling Production. By M. A. Jull, Animal Husbandry Division. Pp. 3.

Yearbook Separate No. 1047. Poultry's Mineral Requirements Vary at Different Ages. By H. W. Titus, Animal Husbandry Division. Pp. 3.

Yearbook Separate No. 1049. Beef Should Be Bought and Cooked According to Both Quality and Cut. By K. F. Warner, Animal Husbandry Division. Pp. 3.

Yearbook Separate No. 1050. Hogs Can Be Produced Profitably in Parts of Northern Great Plains. By R. E. Hutton, Animal Husbandry Division. Pp. 2.

Yearbook Separate No. 1052. Hog Profits Increased by Proper Selection of Foundation Animals. By J. H. Zeller, Animal Husbandry Division. Pp. 4.

Yearbook Separate No. 1053. Livestock Industry Suffers Heavy Loss by Abortion Disease. By John R. Mohler, chief, Bureau of Animal Industry. Pp. 2.

Yearbook Separate No. 1054. Hog-Cholera Losses Can Be Much Reduced by Sanitary Measures. By U. G. Houck, chief, Division of Hog-Cholera Control. Pp. 3.

Yearbook Separate No. 1056. Livestock Weighed Under Improved Conditions at Many Public Stockyards. By C. A. Briggs, Packers and Stockyards Division. Pp. 4.

Yearbook Separate No. 1057. Beef Steers Produced on Range Should Show Maximum Weight for Age. By W. H. Black, Animal Husbandry Division. Pp. 3.

Amendment 4 to B. A. I. Order 317, declaring the following-named counties to be modified accredited areas for a period of three years from September 1, 1929: Tehama, Calif.; Cherokee, Pickens, and Union, Ga.; Canyon, Idaho; Adams, Hancock, Monroe, Orange, and Perry, Ind.; Cherokee, Kans.; Blue Earth, Ramsey, and Washington, Minn.; Lawrence, Mo.; Sarpy, Nebr.; Livingston, N. Y.; Divide, McHenry, Morton, Pierce, Sheridan, and Williams, N. Dak.; Montgomery, Tenn.; King William, Va.; and Barbour, W. Va. The following-named counties have been reaccredited for a period of three years from the same date: Gooding, Idaho; Iron, Mich.; Faribault, Minn.; McKean, Pa.; Marshall, Tenn.; and Roanoke, Va. P. 1 (mimeographed).

B. A. I. Order 320, special order providing for shipment of cattle of the non-quarantined area for exhibition at Florida State Fair, Jacksonville, Fla., November 21 to 30, 1929, and South Florida Fair, Tampa, Fla., January 28 to February 8, 1930. P. 1 (mimeographed).

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